A detailed nautical and topographical map of Cape May County, New Jersey. The map shows the coastline, major roads, and various landmarks. Key features include the Intracoastal Waterway, Cape May Harbor, and several towns and villages. The text is overlaid on the map, with the title in large yellow letters and the subtitle in smaller blue letters.

Cape May County

2012 Transportation Conference County Update

County Infrastructure

- 23 Bridges
- 5 Commission Bridges
- 210 miles of Roadways
- 110 County Traffic Signals
- Maintain over 100 municipal traffic signals



COUNTY INFRASTRUCTURE IMPROVEMENTS ASSISTS MUNICIPALITIES

*Beach Avenue
(CR604) Resurfacing
from Ocean Street to
Howard Street in
Cape May City*

- *Coincides with the Opening of the New Convention Hall*
- *Also addresses minor stormwater ponding*
- *Upgrades traffic signals*
- *\$640,000+*



COUNTY INFRASTRUCTURE IMPROVEMENTS ASSISTS MUNICIPALITIES

*Avalon Boulevard
(CR601) over
Avalon Canal*

- *Rehabilitated Bridge to extend useful life*
- *Widened Bridge to reduce congestion*
- *Carried Business District Streetscape Theme onto Bridge*
- *Upgrade Traffic Signal*
- *\$4+ million*



Avalon Blvd (CR601) Bridge Over Avalon Canal



COUNTY INFRASTRUCTURE IMPROVEMENTS ASSISTS MUNICIPALITIES

*Reconstruction of
96th Street (CR657)
from Bridge to Third
Avenue*

- *Reconstructed roadway and sidewalks*
- *Installed decorative midblock crosswalks with flashing beacons*
- *Coordinated Borough's Streetscaping*



OCEAN DRIVE UPGRADES AND BRIDGE REPLACEMENTS

An Economic Development Project



2009 America Recovery and Reinvestment Act

County applied for the
funding through
Transportation
Investment Generating
Economic Recovery
(TIGER) Grant Program

Ocean Drive (CR621) Bridge over Middle Thorofare or 2-Mile Bridge

Ocean Drive Upgrade Project Overview

Involves:

- Middle Thorofare Bridge
- Upper Thorofare Bridge
- Mill Creek Bridge
- 2.7 miles of Ocean Drive (CR621)



Project Extends from
Garden State Parkway/ Rt. 109...

Existing Conditions

- Middle Thorofare Bridge
 - 1038 feet long
 - Functionally obsolete due to narrow width
 - Structurally deficient (Load posted at 15 tons)
 - Very low sufficiency rating of 7/100
 - Low vertical clearance of 26 feet requires 20-40 openings per day (4500+ per year) delaying the 1.65M vehicles that use the bridge each year
 - Narrow 50 foot wide channel frequently results in vessels impacting the bridge

Proposed Alternatives



Alternative 3A
Alternative 3B
Alternative 3C

Alternative 3D
Alternative 3E
Alternative 3F&3G



View from Fisherman's Memorial, Cape May City



View from Fisherman's Memorial, Cape May City

OCEAN DRIVE UPGRADE AND BRIDGE REPLACEMENTS

An Economic Development Project

Potential Jobs

- Construction creates 300 high value short term jobs
- 55 new jobs with the expansion of commercial fishing
 - 2007 Cape May-Wildwood ranked 3rd in Northeast in volume of seafood landed
 - 2008 Cape May-Wildwood ranked 4th in Nature in value of seafood landed
- 150 new jobs with the export of sand
- 100 new jobs as a port for coastal cruise ships

CAPE MAY COUNTY BRIDGE PAINTING PROGRAM



- Funded by the 2009 American Recovery and Reinvestment Act
- Cost for the program at 2 bridges is \$4,670,000
- Bridge painting is very labor intensive

CAPE MAY COUNTY BRIDGE PAINTING PROGRAM



Project consists of:

- constructing full containment structure
- removing grease and underlying lead base paint
- applying an organic epoxy 3 coat paint system
- repair bridge railing

CAPE MAY COUNTY BRIDGE PAINTING PROGRAM



Grassy Sound Bridge –
Newly Painted



Townsend's Inlet Bridge –
Newly Painted

TRAFFIC SIGNAL OPERATIONAL IMPROVEMENTS

34th St in Ocean City and Rio Grande Ave in Wildwood



- \$2,400,000+ Federal-Aid project
- Complete replacement of 6 traffic signals
- Upgrade 5 traffic signals
- ADA compliance
- Designed by Maser Consulting, P.A.
- Inspection by T&M Associates

NEW JERSEY AVENUE (CR621) RESURFACING IMPROVEMENTS WILDWOOD

- Cresse Avenue to Youngs Avenue
- South State, Inc., Bridgeton, NJ
- Slated to start March 5th
- Completion June 2012



AVALON BOULEVARD (CR601) RESURFACING IMPROVEMENTS

Avalon and Middle Township

- From 500 feet west of Gravens Thorofare Bridge to Avalon Canal Bridge
- South State, Inc., Bridgeton, NJ
- Slated to start late April
- Completion May 23rd, 2012



Sea Isle Blvd (CR625) from GSParkway to Ludlam Thorofare Bridge, Dennis Township



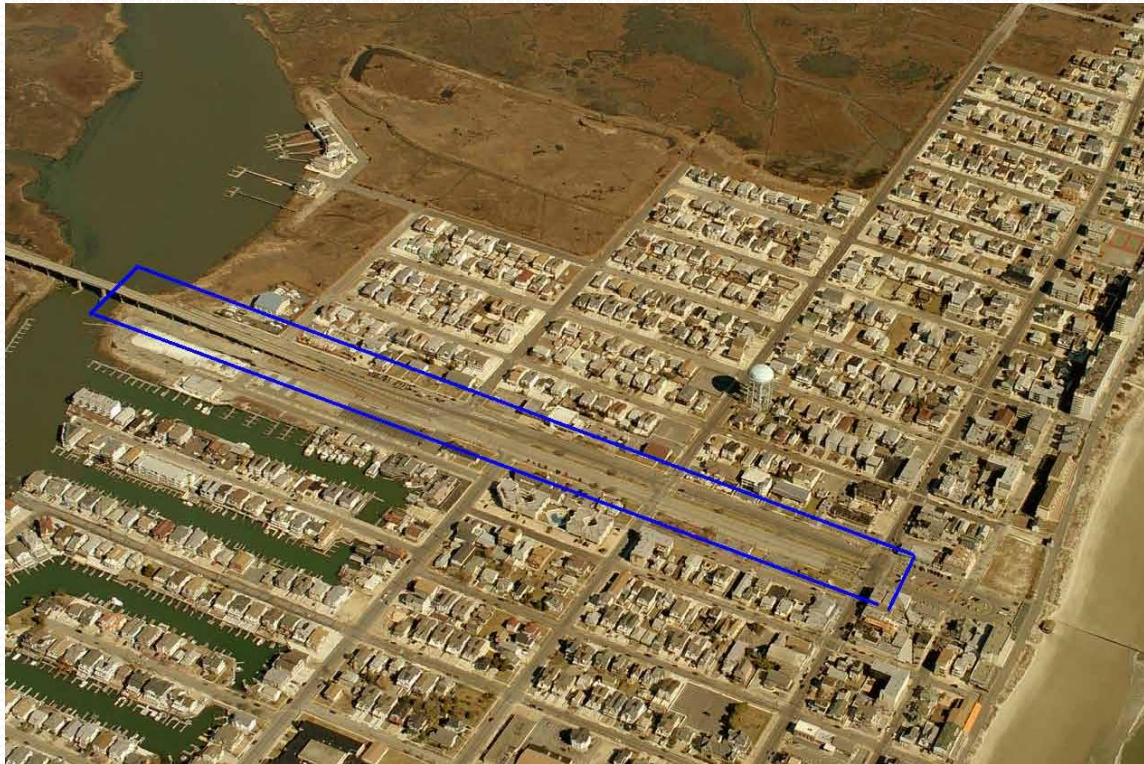
Sea Isle Blvd (CR625) Improvements

from GSParkway to Ludlam Thorofare Bridge, Dennis Township



- Elevates to the 100-year flood elevation and reconstructs the roadway and replaces 3 culverts
- Estimated cost \$9,000,000+
- 2012 expected start of construction, over 4 years to complete
- McCormick Taylor, Inc. is consultant for final design

JFK Boulevard/Veterans Boulevard (CR625) Improvements



- Roadway and Drainage Improvements on JFK Boulevard (including LaRosa Way) from Landis Avenue to Ludlam Thorofare and Landis Avenue from JFK Blvd to 40th Street
- Wider sidewalks with bulb-outs at intersections
- New Traffic Signal at JFK Blvd and Park Avenue
- Incorporates streetscaping

JFK Boulevard/Veterans Boulevard (CR625) Improvements

- Coordinating with Sea Isle City Beach-to-Bay Corridor Program
- 2012-13 Federal-Aid Local Lead project
- Approximately \$3,500,000+ construction project
- Designer: Urban Engineers, Inc.



Roadway Improvements Projects currently under Design

- Landis Avenue (CR619) Resurfacing Improvements from 54th Street to 69th Street in Sea Isle City by Gibson Associates, P.A.
- Bay Avenue (CR656) Improvements from 6th Street to 18th Street in Ocean City
- Ocean Drive (CR619) Resurfacing Improvements from 29th Street to 42nd Street in Avalon
- County Road Improvement Program in Middle Township by Orth-Rodgers & Associates, Inc. includes:
 - Dias Creek Road (CR612) from Stagecoach Road to Mechanic Street
 - Goshen Road (CR615) from Mechanic Street to Timothy Lane
 - Mechanic Street (CR615) from Goshen Road to Boyd Street
 - Hand Avenue (CR658) from Dias Creek Road to Boyd Street
 - Indian Trail Road (CR618) from Route US 9 to Shunpike Road

Other Roadway Improvements Projects currently under Design

- Fulling Mill Road (CR654) Resurfacing Improvements from Bayshore Road to Route NJ 47 in Lower and Middle Townships by Pennoni Associates, Inc.
- Hope Corson Road (CR671) Drainage and Resurfacing Improvements from Route NJ 50 to Route US 9 in Upper Township by RV&W Engineers and County Engineer's Office – FEMA funds are being used to offset the cost of the drainage improvements
- Bayshore Road (CR603) Safety Improvements from Sandman Boulevard to Townbank Road in Lower Township by Orth-Rodgers & Associates, Inc. and County Engineer's Office

Notable Projects currently being Studied

- Beach Avenue (CR604) Stormwater Infrastructure Improvements in Cape May City by French & Parrello Associates, PA
- Third Avenue (CR619) Stormwater Infrastructure Improvements from 80th Street to 96th Street in Stone Harbor by French & Parrello Associates, PA
- Roosevelt Boulevard (CR623) from Tuckahoe Road to Garden State Parkway in Upper Township

PROJECTS TO GO TO DESIGN PHASE

- Roosevelt Boulevard (CR623) Bridge Deck Rehabilitation
- Electrical, Mechanical and Structural Overhaul of 96th Street (CR657) Bridge
- Woodbine-Ocean View Road (CR550) Improvements from Washington Avenue in Woodbine to US Route 9 in Dennis Township
- Roosevelt Boulevard/34th Street(CR623) Improvements from Tuckahoe Road in Upper Township to Central Avenue in Ocean City
- New Jersey Avenue (CR621) Resurfacing Improvements from Youngs Avenue to 26th Street in Wildwood



THANK YOU

QUESTIONS?

Contact Cape May County Engineer's Office

At: (609) 465-1035 or at

countyengineer@co.cape-may.nj.us

Or visit us at the County's website at:

capemaycountygov.net